SKYTRON

STX1

STELLAR SERIES • EXAM LIGHT

STX1 Ceiling Mount

INTRODUCTION

SKYTRON's STX1 Exam Light provides high quality, excellent illumination within a stylish, extremely manueverable lighthead design. Applications include Exam, Emergency Room, Recovery, Special Procedures, LDR, LDRP, OB/GYN, and Intensive Care Units.

FEATURES

Provides High Intensity Illumination at 46,000 lux (4,300 fc) at a working distance of 30".

Non-Sterile Positioning Handle provides precise positioning options.

Versatile Arm Radius and Slim Design permit smooth maneuverability and a wide target area for optimal lighthead positioning.

FEATURES

Lighthead provides Smooth Surfaces for easy wipe-down between cases.

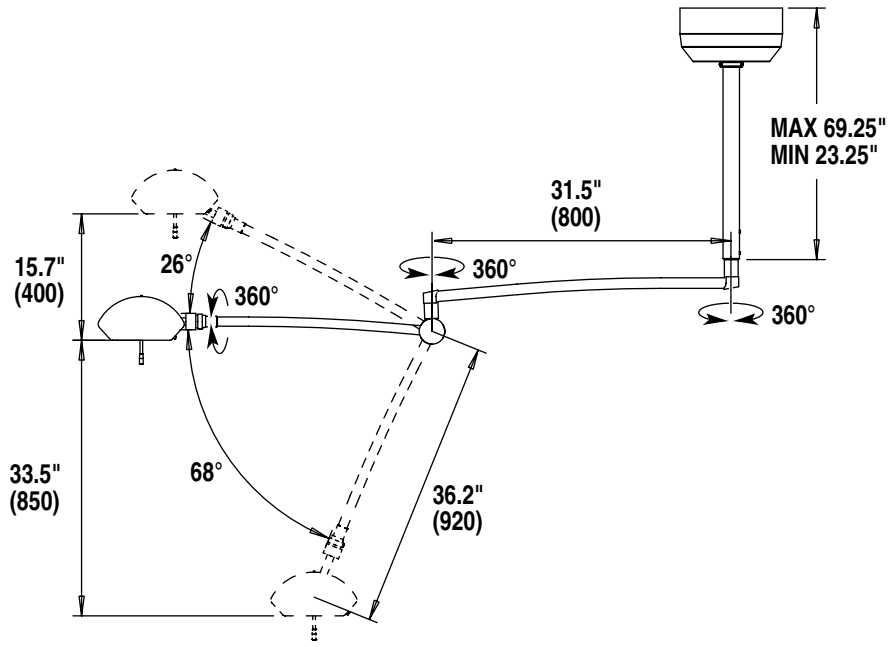
Fully Adjustable Friction Points assure smooth movements and drift free performance.

Lighthead Mounted On/Off Control Switch.

ARCHITECTURAL SPECIFICATIONS

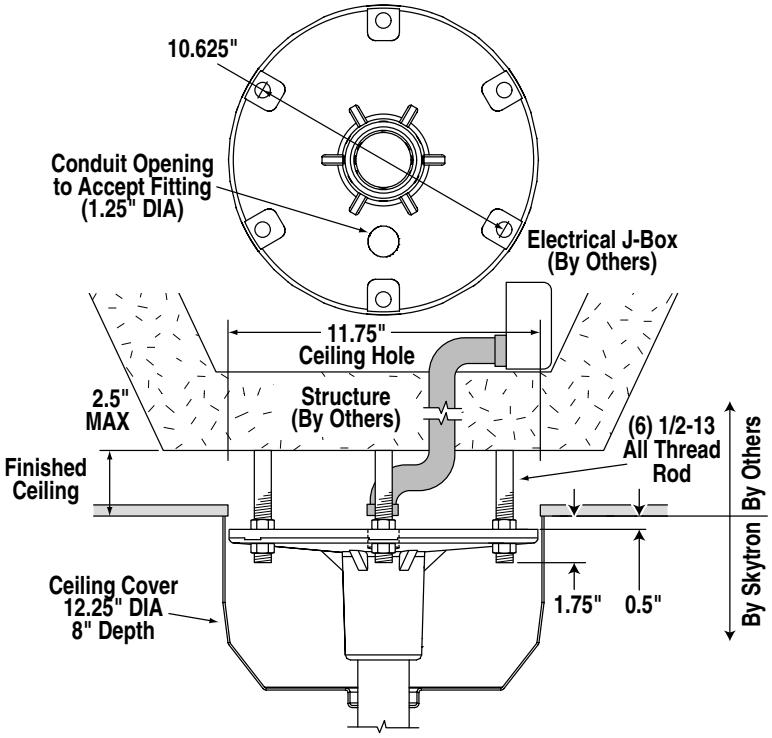
Lighting system shall consist of a 9" Exam lighthead attached to a ceiling mounted radial arm. Lighthead is to be equipped with a conveniently located ON/OFF switch. Total system output is to be 46,000 lux at a color temperature of 4,300° K. Bulb is to be 24v, 50w Halogen and can be easily changed. System design is to provide cool, color corrected light that is diffused evenly over the examination site for optimum shadow reduction. System shall be SKYTRON Model STX1.

STX1



MOUNTING STRUCTURE GUIDELINE

(Provided by others)



NOTES

Refer to specific installation instructions.

1. 1/2" support rods located for total support of light, all labor and materials for mounting structure fabrication supplied by General Contractor. Fixture to be level at mounting and positioned as shown to assure proper fit of ceiling cover.
2. All conduit, wiring, and other electrical materials as well as installation labor for the SKYTRON exam light to be provided by Electrical Contractor. All installations of SKYTRON exam lights should be under the direct supervision of a SKYTRON representative. All wiring to be in accordance with local codes. 120VAC power supply to control fixture to be properly circuit protected.
3. CONTRACTOR HAS FINAL RESPONSIBILITY for the strength and stability of the Mounting Structure.

TECHNICAL DATA

Electrical: 120v, 60 Hz, 1 phase
Power Consumption: 50 watts (170 BTU/ hr.)
Amperage: Approximately 2 amp, fuse protected
Intensity: 4,300 fc (46,000 lux)
Color Temperature: 4,300° K
Beam Temperature: Less than 25,000 microwatts per sq. centimeter as recommended by the I. E. S. handbook.
Current Leakage: Less than 100 microamps
Bulb Type: Halogen 24v/ 50w
Weight: 47 lbs.
Moment Load: 118 ft. lbs.
Ceiling Height: Min. - 8'-6", Max. - 12'-4". Based on 80" working clearance under balance mechanism.
Mounting Structure: Provided by others.

SKYTRON
5000 36th Street SE • Grand Rapids, MI 49512
1.800.SKYTRON • 616.957.0500 • FAX: 616.957.5053

6/05